

<220>  
<221> modified\_base  
<222> (324)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (331)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (339)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (344)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (348)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (353)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (373)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (380)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (401)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (416)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (430)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base

<222> (433)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (444)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (472)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (475)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (481)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (484)..(485)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (497)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (502)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (506)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (508)..(510)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (520)  
<223> a, t, c, g, other or unknown

<220>  
<221> modified\_base  
<222> (529)  
<223> a, t, c, g, other or unknown

<220>  
 <221> modified\_base  
 <222> (533)  
 <223> a, t, c, g, other or unknown

<220>  
 <221> modified\_base  
 <222> (561)  
 <223> a, t, c, g, other or unknown

<220>  
 <221> modified\_base  
 <222> (568)  
 <223> a, t, c, g, other or unknown

<220>  
 <221> modified\_base  
 <222> (579)..(580)  
 <223> a, t, c, g, other or unknown

<400> 117  
 aggtgaccgt ncatctctac catnatncct cctcccgnc tgtatcancn ggcntnnang 60  
 tcnttnncta nnnnaagntt aatcctatcc cnttanagtt gacggctctt annccctagaa 120  
 gagaanccat aacatctctt tgagcnacac atgggatata ccgccanctt atntaataact 180  
 ttcnengcac ggtaacngac canaancatt cttcactata gaattcatgt cgcttcatta 240  
 tctacctcat tncnccanat ccccttnnat ctcatnnatt tatctagaaa nttctgaagn 300  
 tccnnaagggt ttcgttttgc accncccaa ntaaaaaanc cctnccgntt acntcgaacg 360  
 aagggttttca aangaacagn aattccttta caaaaatcaa naattttaac ttcccnatc 420  
 cgcccccccn gtncccgaaa cccnatttct acgattgcat cccccgggg gncnctcaa 480  
 nccnnettct taaaggneca tncctntnnn tgatcctctn ccaccaang gncctttcc 540  
 acttttattg gaaaaccccc ntccccntt ttacccttnn aaggcccctt ccc 593

<210> 118  
 <211> 298  
 <212> DNA  
 <213> Pinus taeda

<220>  
 <221> modified\_base  
 <222> (237)  
 <223> a, t, c, g, other or unknown

<400> 118  
 aggtgaccgt ggaactactg ttaaatctgg aatcccttgt ctagctgtaa aaactcgaca 60  
 agtgcattgtt ggtattagta ggggttaacag aagggttctt acccagattt acccctttgg 120  
 cggagatatt taaaaaaaaa gaattgtcat tatggtaa at aggtgtgaca gggtatcaat 180  
 agaataactg acgagagtaa actgataatt attaagggtta aagtgttcgt aaagganact 240  
 tggactctag gttggatgcc tacacttaga gcccggtccc gcacttggaac ggtcacct 298

<210> 119  
 <211> 631  
 <212> DNA  
 <213> Pinus taeda

<220>  
 <221> modified\_base